Solenoid operated valves pilot operated poppet type 2-way normally open
Common cavity, Size 16

VEI-8A-16A-NA

Technical data

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>Weight: 0.32 kg (0.71 lbs)</td>
</tr>
<tr>
<td></td>
<td>Installation orientation: Optional</td>
</tr>
<tr>
<td></td>
<td>Ambient temperature range: -30 to 60 °C (-22 to 140 °F)</td>
</tr>
<tr>
<td>Hydraulic</td>
<td>Max. operating pressure: 350 bar (5000 psi)</td>
</tr>
<tr>
<td></td>
<td>Max. proof pressure: 420 bar (6000 psi)</td>
</tr>
<tr>
<td></td>
<td>Flow range: 5 - 150 l/min (1 - 40 gpm)</td>
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<tr>
<td></td>
<td>Max. internal leakage: 20 drops/min.</td>
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<tr>
<td></td>
<td>Fluid temperature range: -20 to 80 °C (-4 to 176 °F)</td>
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<tr>
<td></td>
<td>Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 20 to 380 mm²/s (cSt)</td>
</tr>
<tr>
<td></td>
<td>Installation torque: 130 - 150 Nm (96 - 111 ft-lbs)</td>
</tr>
<tr>
<td></td>
<td>Recommended degree of fluid contamination: Nominal value max. 10 µm (NAS 8) ISO 4406 19/17/14</td>
</tr>
<tr>
<td></td>
<td>MTTFd: 150 years see RE 18350-51</td>
</tr>
<tr>
<td></td>
<td>Cavity: CA-16A-2N see 18325-70</td>
</tr>
<tr>
<td></td>
<td>Lines bodies and standard assemblies: Please refer to section “Hydraulic integrated circuit” or consult factory</td>
</tr>
<tr>
<td></td>
<td>Seal kit – version 06 code material no. RG75E201052010 R934004079</td>
</tr>
<tr>
<td></td>
<td>Seal kit – version 04-32 code material no. RG75E201053010 R934004080</td>
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<tr>
<td></td>
<td>Seal kit coil code material no. RG12A1PNBR7010 R934003958</td>
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<tr>
<td></td>
<td>Other technical data: See data sheet 18350-50</td>
</tr>
<tr>
<td>Electrical</td>
<td>Type of voltage: DC voltage</td>
</tr>
<tr>
<td></td>
<td>Coil type: S8-356 see 18325-90</td>
</tr>
<tr>
<td></td>
<td>Supply voltage: See data sheet 18325-90</td>
</tr>
<tr>
<td></td>
<td>Nominal voltage: ± 10%</td>
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<tr>
<td></td>
<td>Power consumption: 20 W</td>
</tr>
<tr>
<td></td>
<td>Duty cycle coil: See characteristic curves %</td>
</tr>
<tr>
<td></td>
<td>Type of protection: See data sheet 18325-90</td>
</tr>
<tr>
<td></td>
<td>Note: Coils must be ordered separately</td>
</tr>
</tbody>
</table>

RE 18323-18
Replaces: 10.2013
### Solenoid operated valves

**Type**

**Material number**

<table>
<thead>
<tr>
<th>Type</th>
<th>Material number</th>
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<tbody>
<tr>
<td>OD1504751AS000</td>
<td>R901094731</td>
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<tr>
<td>OD1506751AS000</td>
<td>R901095953</td>
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<tr>
<td>OD1506751BS000</td>
<td>R901095955</td>
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<tr>
<td>OD1506751CS000</td>
<td>R901095956</td>
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<td>R901094753</td>
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<td>OD1532751BS000</td>
<td>R901094754</td>
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<td>OD1532751CS000</td>
<td>R901094755</td>
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**Note:** Common cavity: CA-16A-2N

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**Ordering code**

<table>
<thead>
<tr>
<th>OD.15</th>
<th>X</th>
<th>75</th>
<th>Y</th>
<th>S0</th>
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<tbody>
<tr>
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</tbody>
</table>

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**Diagram:**

- **Bidirectional type**
  - Type: 06
  - 2-way normally open
  - Push style override: 1A
  - Push and twist style override: 1B
  - 75 Common cavity: CA-16A-2N

- **Double lock**
  - Type: 32
Characteristic curves

**Version 06-04**

Standard

**Version 32**

Standard
Dimensions

▼ Version 06: Solenoid operated valve, poppet 2-way normally open

Push style manual override

Push and twist style override

Version 06-04-32

▼ Version 04: Solenoid operated valve, poppet 2-way normally open

▼ Version 32: Solenoid operated valve, poppet 2-way double lock normally open